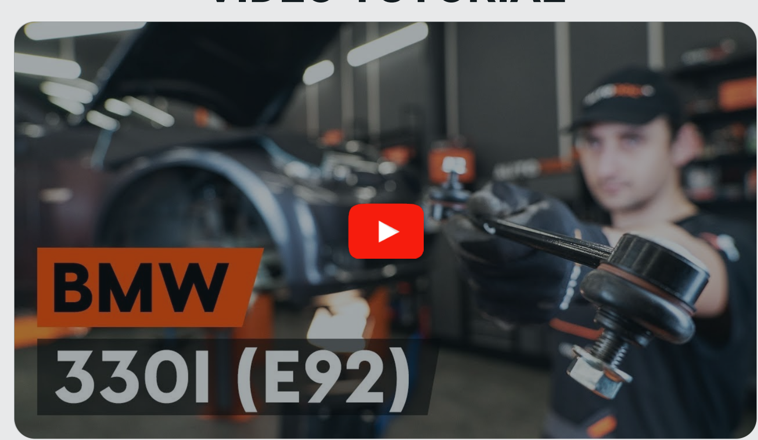
AUTODOC CLUB

How to change front anti roll bar links on **BMW E92** – replacement guide





VIDEO TUTORIAL



Important!

This replacement procedure can be used for:
BMW 3 Touring (E91) 325i 3.0, BMW 3 Touring (E91) 318d 2.0, BMW 3 Saloon (E90) 318d 2.0, BMW 3 Touring (E91) 318i 2.0, BMW 3 Touring (E91) 316d 2.0, BMW Z4 Roadster (E89) sDrive 20 i, BMW Z4 Roadster (E89) sDrive 28 i, BMW 1 Coupe (E82) 118d 2.0, BMW 3 Coupe (E92) 318i 2.0, BMW 3 Convertible (E93) 318i 2.0, BMW 3 Convertible (E93) 325d 3.0, BMW 1 Hatchback (E81) 116i 1.6, BMW 1 Hatchback (E81) 120d 2.0, BMW 3 Saloon (E90) 320i 2.0, BMW 3 Saloon (E90) 325i 2.5, (+ 89)

The steps may slightly vary depending on the car design.





REPLACEMENT: ANTI ROLL BAR LINKS – BMW E92.
LIST OF THE TOOLS YOU'LL NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #16
- Combination spanner #17
- Drive socket # 16
- Drive socket # 17
- HEX bit No.H5
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

BUY TOOLS





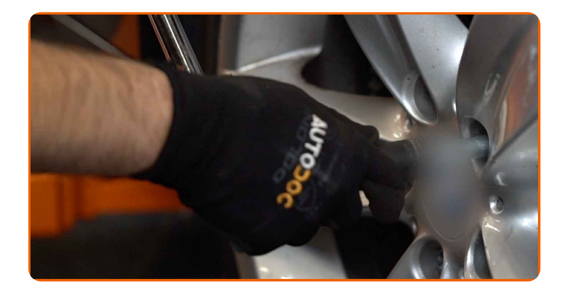
AUTODOC recommends:

- Replace the stabiliser links on BMW E92 in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ANTI ROLL BAR LINKS – BMW E92. RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



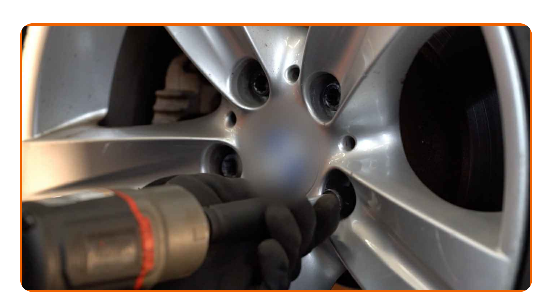
3 Raise the front of the car and secure on supports.







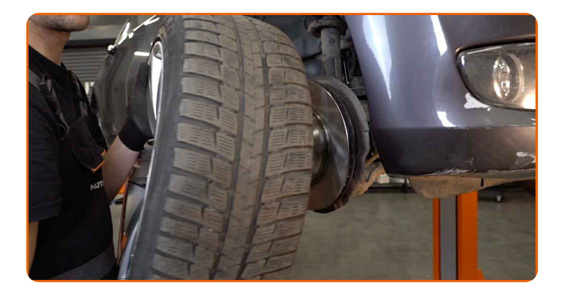
4 Unscrew the wheel bolts.



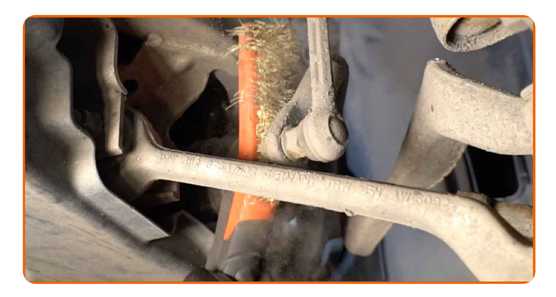
AUTODOC recommends:

- Important! Hold the wheel while unscrewing the fastening bolts. BMW E92

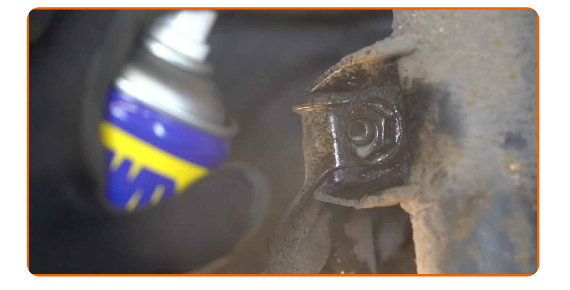
5 Remove the wheel.



6.1 Clean the stabiliser link fasteners.



6.2 Use a wire brush. Use WD-40 spray.







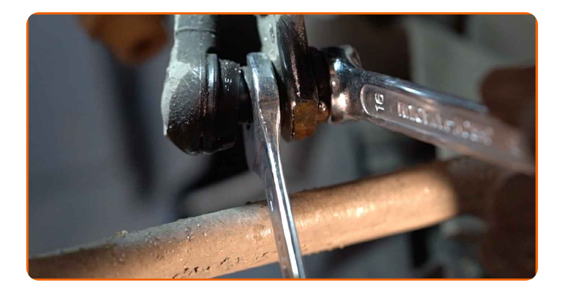
7 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #17. Use a drive socket #17. Use a ratchet wrench.



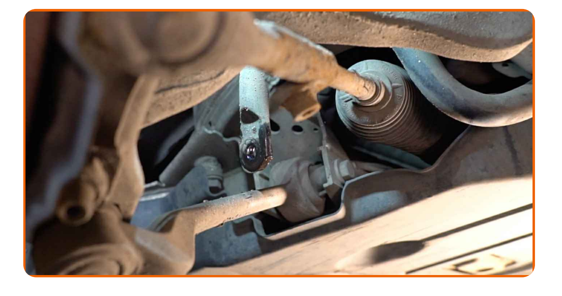
8 Disconnect the brake hose mounting bracket.



9 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use a combination spanner #17.



10 Remove the stabilizer rod.



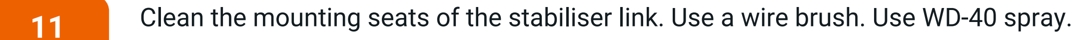




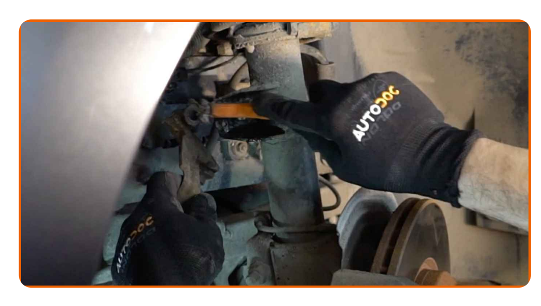
Replacement: anti roll bar links – BMW E92. Professionals recommend:

- Examine stabiliser bushes. Replace them if needed.

11

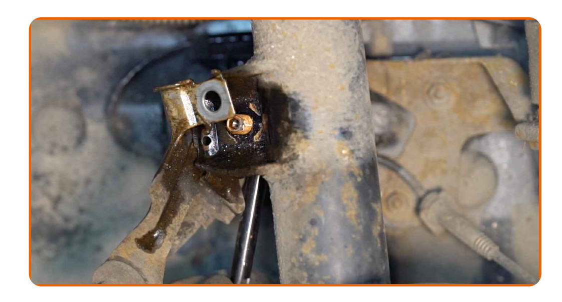


Clean the mounting seats of the stabiliser link. Use a wire brush. Use WD-40 spray.



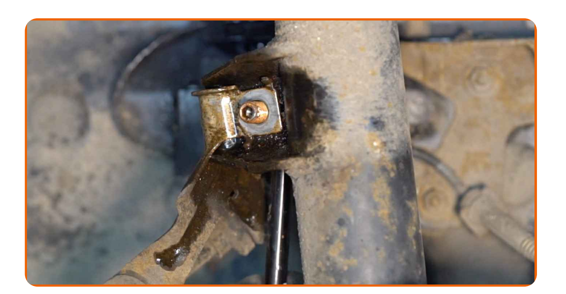
12

Install a new rod, tighten the fasteners.



13

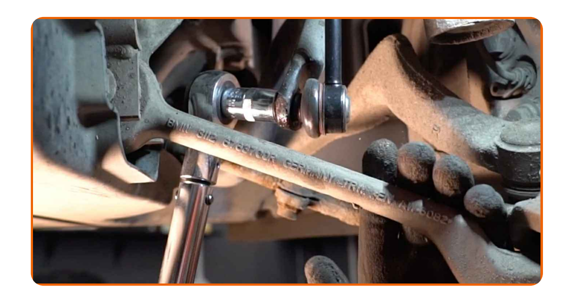
Install the bracket onto the shock absorber strut.



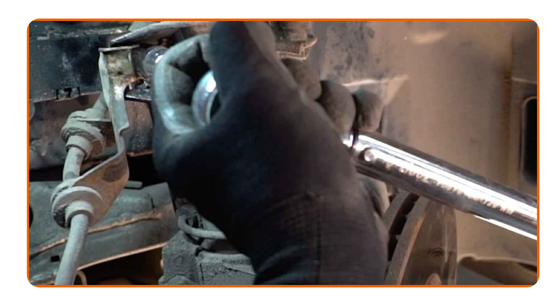




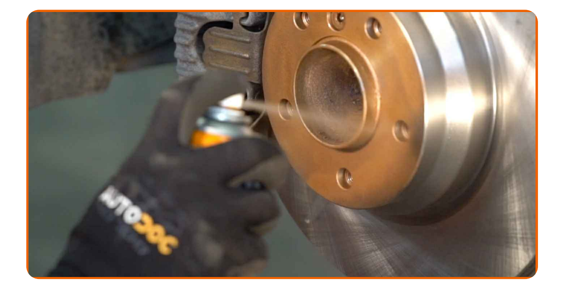
14 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #16. Use HEX No.H5. Use a drive socket #16. Use a torque wrench. Tighten it to 58 Nm torque.



15 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #16. Use HEX No.H5. Use a drive socket #16. Use a torque wrench. Tighten it to 58 Nm torque.



16 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



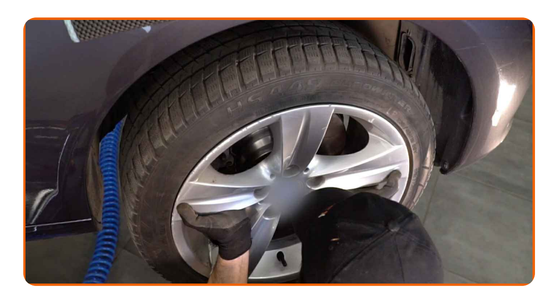
17 Clean the brake disk surface. Use a brake cleaner.



AUTODOC recommends:

- Replacement: anti roll bar links – BMW E92. After applying the spray, wait a few minutes.

18 Install the wheel.

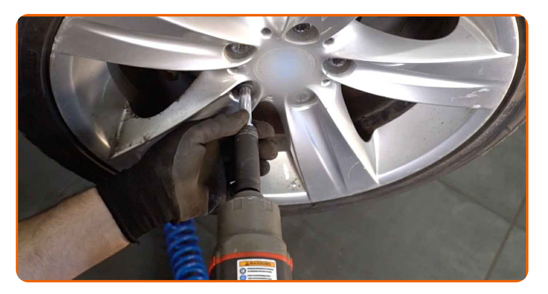


AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. BMW E92

19 Screw in the wheel bolts. Use wheel impact socket #17.





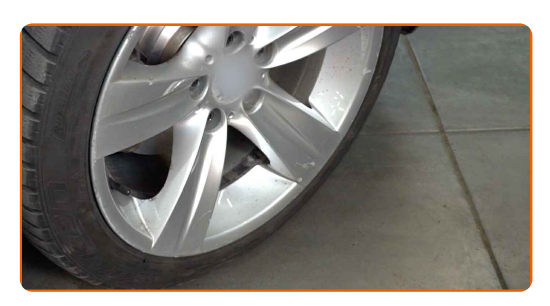
20 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 120 nm torque.







21 Remove the jacks and chocks.



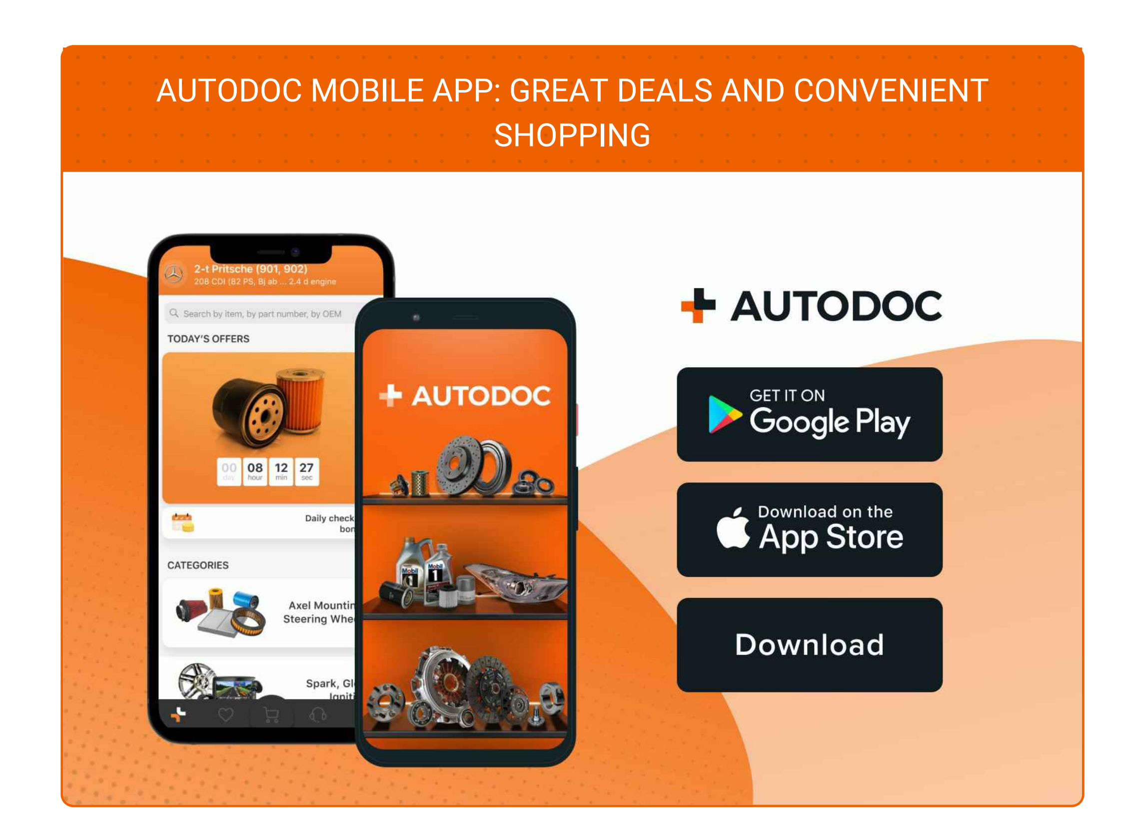


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